
Pembrokeshire County Council



ANNUAL REPORT

of the

COUNTY MEDICAL

OFFICER OF HEALTH

FOR PEMBROKESHIRE



1949

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I N D E X .

	Page
HEALTH COMMITTEE	4
STAFF OF HEALTH DEPARTMENT	4
VITAL STATISTICS	5
NATIONAL HEALTH SERVICE ACT, and Schemes under the :—	
Ambulance	9
Midwifery and Home Nursing	11
Vaccination and Immunisation	13
Care of Mothers and Young Children	13
Health Visiting	16
Prevention of Illness, Care and After-Care	17
Domestic Help	23
Mental Health	23
MATERNAL MORTALITY	6
HOSPITALS	7
ADOPTION OF CHILDREN	8
TUBERCULOSIS	17
MASS RADIOGRAPHY	20
CANCER	24
INFECTIOUS DISEASES	25
BLIND PERSONS	26
ORTHOPÆDIC	27
FOOD AND DRUGS	28

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH
COMMITTEE OF THE

Pembrokeshire County Council

MR. CHAIRMAN, LADIES & GENTLEMEN,

I beg to present my Annual Report as County Medical Officer of Health for the year 1949.

The birth rate for 1949 was 17.9 compared with 18.4 for 1948. The comparative figures for England and Wales were 16.7 and 17.9.

The infant mortality rate of 39.9 per 1,000 births is higher than last year when the rate was 36.5.

The maternal mortality rate was lower than in 1948, being 1.3 per 1,000 births. This is the lowest figure recorded for the County.

The various schemes under the National Health Service are developing. Details are set out in the body of the Report.

Dr. Margaret Jenkins, Assistant County Medical Officer of Health, resigned on 1/10/49, and it was not possible to obtain a successor for several months.

I wish again to express my thanks to the Chairman and Members of the Committee for their co-operation and support during the year.

I have the honour to be,

Your obedient Servant,

H. MIDDLETON

County Medical Officer.

County Health Department,
Haverfordwest.
August, 1950.

COUNTY OF PEMBROKE

HEALTH COMMITTEE

Mr. L. J. Meyler (Chairman)	Mr. E. B. Davies
Dr. D. H. Pennant, D.S.O. (Vice-Chairman)	Rev. Mathias Davies
Mr. W. L. Davies	Mr. W. E. Dixon
Mr. C. J. Evans	Mr. D. W. Evans
Mr. A. Williams Gutch	Mr. Wm. Hancock
Mr. B. G. Howells	Mr. James John
Mr. B. R. Lewis	Mr. C. G. Lewis
Mrs. A. Norman	Major H. Hall Morgan
Mr. F. Phillips	Mr. Sackville H. E. G. Owen
Mr. J. O. Vaughan	Mr. D. Howard Roberts
Mr. R. S. Wade	Mr. E. A. Thomas
Mr. C. Hayden Williams	Mr. John Walters
	Mr. D. Tudor Williams

CO-OPTED MEMBER : Rev. J. Howell Phillips.

LOCAL MEDICAL COMMITTEE REPRESENTATIVES :

Dr. J. A. K. Douglas
Dr. P. R. E. Williams
Dr. C. M. MacGeogh.

COUNTY NURSING ASSOCIATION REPRESENTATIVES :

Mrs. H. Higgon
Miss Nancy Thomas, J.P.

WEST WALES HOSPITAL MANAGEMENT COMMITTEE REPRESENTATIVES :

Mr. J. T. Griffiths
Dr. Laura G. Rees
Rev. W. H. Williams

COUNTY FEDERATION OF WOMEN'S INSTITUTES REPRESENTATIVES :

Mrs. S. M. G. Bland
Mrs. B. Ramsden

COUNTY HEALTH OFFICES STAFF

County Medical Officer of Health : H. Middleton, M.C., M.B., Ch.B.,
D.P.H.

Assistant County Medical Officer of Health : M. W. Jenkins, B.Sc.,
M.B., B.Ch. (Resigned 1/10/49).

District Medical Officers for Eastern and Western Districts acting as
Part-time Assistant School Medical Officers :

Dorothy M. Griffiths, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.
W. J. Y. Speedy, M.B., B.Ch., L.R.C.P. & S., D.P.H.

County Nursing Officer : Miss C. Evans, S.R.N., S.C.M.

County Health Visitors : Miss E. J. James, S.R.N., S.C.M.
Miss E. A. Morgan, S.R.N., S.C.M.

Chief Clerk : W. J. Austin.

Home Visitor for the Blind : Miss D. M. R. Burder.

STATISTICS.

Area (in acres), including land and inland water	393,003
Population (estimated)	86,599

EXTRACTS FROM VITAL STATISTICS.

Live Births :

	Total.	Male.	Female.
Legitimate	1485	766	719
Illegitimate	68	40	28
Total Births	1553	806	747

BIRTH RATE.

For 1949 the Birth Rate was 17.9 compared with 18.4 for 1948 and 16.7 for the whole of England and Wales.

STILLBIRTHS. Total—47.

Rate per 1,000 total Births—30.3.

DEATHS—1151. Death Rate—13.3.

Number of Women dying in consequence of Child-birth:—

Sepsis	1
Pulmonary Embolism	1
Total	2

Rate per 1,000 Births—1.3.

Deaths of Infants under one year of age—62.

Rate per 1,000 Births—39.9.

DEATHS

The Deaths at all ages from all causes registered during the year 1949 numbered 1,151—590 males and 561 females, giving a Death Rate of 13.3 per 1,000 population. This is an increase of 0.7 in the Death Rate compared with last year's figures.

The Death Rate per 1,000 of the population for England and Wales was 11.7.

INFANT MORTALITY

There were 62 deaths of children under one year of age, giving a Death Rate of 39.9 compared with a rate of 36.5 for the previous year.

The actual causes of deaths under one year are set out below :

Cause of Death.	No.
Whooping Cough	1
T.B. of Respiratory System	1
Syphilitic Diseases	1
Influenza	2
Pneumonia	4
Diarrhoea	1
Appendicitis	1
Nephritis	1
Premature Births	19
Congenital Malformation	27
All other causes	4

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case-rates for certain Infectious Diseases in the Year 1949. Provisional Figures based on Quarterly Returns.

	England and Wales.	126 County Boroughs and Great Towns (including London).	148 Smaller Towns (Resident Population 25,000 to 50,000 at 1931 Census).	London Administrative County.
Rates per 1,000 Civilian Population.				
BIRTHS :				
Live Births	16.7(a)	18.7	18.0	18.5
Still Births	0.39	0.47	0.40	0.37
DEATHS :				
All Causes	11.7(a)	12.5	11.6	12.2
Typhoid & Paratyphoid	0.00	0.00	0.00	0.00
Whooping Cough ...	0.01	0.02	0.01	0.01
Diphtheria	0.00	0.00	0.00	0.00
Tuberculosis	0.45	0.52	0.42	0.52
Influenza	0.15	0.15	0.14	0.11
Smallpox	0.00	0.00	—	—
Acute poliomyelitis & Polioencephalitis ...	0.01	0.02	0.02	0.01
Pneumonia	0.51	0.56	0.49	0.59
NOTIFICATIONS :				
Typhoid Fever	0.01	0.01	0.01	0.01
Paratyphoid Fever ...	0.01	0.02	0.01	0.01
Cerebro-Spinal Fever	0.02	0.03	0.02	0.02
Scarlet Fever	1.63	1.72	1.83	1.46
Whooping Cough ...	2.39	2.44	2.39	1.70
Diphtheria	0.04	0.05	0.04	0.07
Erysipelas	0.19	0.20	0.19	0.17
Smallpox	0.00	0.00	0.00	0.00
Measles	8.95	8.91	9.18	8.54
Pneumonia	0.80	0.91	0.65	0.55
Acute Poliomyelitis	0.13	0.13	0.12	0.18
Acute Polioencephalitis ...	0.01	0.01	0.02	0.01
Food Poisoning	0.14	0.16	0.14	0.19
DEATHS :				
Rates per 1,000 Live Births.				
All causes under 1 year of age	32(b)	37	30	29
Enteritis & Diarrhoea under 2 years of age	3.0	3.8	2.4	1.7
NOTIFICATIONS :				
Rates per 1,000 Total (Life & Still Births).				
Puerperal Fever and Pyrexia	6.31	8.14	5.30	6.82
MATERNAL MORTALITY IN ENGLAND AND WALES.				
International List No. and cause	Rates per 1,000 Total (Live and Still) Births.		Rates per million women aged 15-44.	
140 Abortion with Sepsis	0.11		8	
141 Abortion without Sepsis	0.05		4	
147 Puerperal infections	0.11			
142-146, 148-150 other maternal causes	0.71			
(a) Rates per 1,000 total population.	(b) Per 1,000 related live birth.			

MATERNAL MORTALITY.

The Maternal Mortality rate of 1.3 per 1,000 births was lower than the corresponding figure of 2.5 for the preceding year.

All Maternal Deaths were investigated by the County Medical Officer and the County Nursing Officer.

There were 2 deaths, 1 from Sepsis and 1 from pulmonary embolism.

HOSPITALS.

INFECTIOUS DISEASES HOSPITAL (other than Smallpox).

Since the closure of the Isolation Hospital at Pembroke Dock, cases of Infectious Diseases (except Smallpox) are sent to Tumble Isolation Hospital in Carmarthenshire.

The following is a summary of cases admitted during the year:—

Disease.	Cemaes R.D.	Fishguard and Goodwick U.D.	Haverfordwest U.D.	Haverfordwest R.D.	Milford Haven U.D.	Neyland U.D.	Pembroke U.D.	Pembroke R.D.	Tenby U.D.	Narberth U.D.	Narberth R.D.	Totals
Scarlet Fever ...				1		1	6				1	9
Cerebro-spinal Fever									1	1		2
Puerperal Sepsis Acute							2					2
Poliomyelitis	1	2										3
Pneumonia							1					1
Measles							1	1				2
Whooping Cough	1				1							2
Chicken Pox											1	1
Encephalitis ...							1	1				2
Eczema							1					1
Mumps							1					1
	2	2		1	1	1	13	2	1	1	2	26

SMALL POX.

The Hospital at Eglwysrwrw is no longer retained for the reception of cases of Smallpox. Patients suffering from this disease will now have to be sent to Penrhys Hospital, Rhondda.

No case was treated during the year.

TUBERCULOSIS HOSPITALS.

There are two Hospitals in the County—Sealyham Hospital providing 30 beds—15 males and 15 females, and Kensington Hospital, mainly for surgical tuberculosis in children, with 100 beds.

GENERAL HOSPITALS.

The County War Memorial Hospital, Haverfordwest, provides 130 beds, of these 7 are for maternity cases and there are 10 cots for infants.

There are 16 beds—10 general and 6 maternity—at the Nurses' Home and Meyrick Hospital, Pembroke Dock.

The District Cottage Hospital, Pembroke, has 10 beds and the Cottage Hospital, Tenby, has 16 beds—15 general and 1 maternity.

At Riverside, Pembroke, there are 20 beds for chronic sick females and 10 for maternity cases. At Allensbank, Narberth, there are 27 beds—12 males and 15 females, and at Priory Hospital, Haverfordwest, there are 63 beds—35 males and 28 females, plus 20 maternity beds.

MATERNITY HOSPITAL ACCOMMODATION.

	No. of Beds.
County Hospital	7
Tenby Cottage Hospital	1
Riverside Hospital	10
Priory Hospital	18
Meyrick Hospital	6
Total	42

The actual number of births which took place in these Hospitals was :—

County Hospital	178
Tenby Cottage Hospital	39
Riverside Hospital	70
Priory Hospital	205
Meyrick Hospital	95
Pembroke Cottage Hospital	2
Cardigan Hospital (Pembrokeshire Cases) ...	48
Births at Private (Registered) Nursing Homes	4

BOARDED-OUT CHILDREN.

Thirty children are boarded-out with Foster Parents and their welfare is supervised by the Children's Officer and the District Nurses. Reports as to their well-being are received from the District Nurses.

ADOPTION OF CHILDREN (Regulation) ACT, 1939.

Under the Adoption of Children (Regulation) Act, 1939, and the supplement which came into force on the 1st June, 1943, the homes of 24 prospective adopters were visited.

Cards are sent to the Nurses with particulars of the adoptions and adopted children are visited at regular intervals and reports of their welfare are sent to this Department. Visits are also paid by the County Nursing Officer.

NATIONAL HEALTH SERVICE ACT, 1946.

Health Services provided by Local Health Authority under Part III of the Act.

COUNTY AMBULANCE SERVICE—Section 27.

The Local Health Authority is responsible for the provision of a free Ambulance Service "For the conveyance of persons suffering from illness, or mental defectiveness, or expectant or nursing mothers from places in their area to places in or outside their area."

This service is provided by an Agency Agreement with the Welsh Home Service Ambulance Committee for the provision and maintenance of Ambulances, also the necessary Staffs and Garage accommodation.

In addition, there is an agreement with Cardiganshire for the use of their Ambulances for border cases and a mutual aid arrangement with Carmarthenshire for the conveyance of patients living on the borders of Pembrokeshire and Carmarthenshire.

There is also an arrangement with hire car owners in the County to transport "sitting Cases" patients to and from Hospitals.

Particulars of the Ambulance Service :—

STATION	No. of Ambulances.	No. of Wholetime Drivers.	Attendants.	Service.
Haverfordwest No. 1	1	2	3	24 hours
Haverfordwest No. 2	1	Voluntary	Voluntary	"Garage arrangement"
Millford Haven	1	1	Voluntary	24 hours
Pembroke Dock	1	1	Voluntary	24 hours
Tenby	1	Voluntary	Voluntary	"Garage arrangement"

OPERATION OF THE SERVICE.

During 1949, four whole-time paid drivers and three whole-time attendants were employed in this service.

In addition, volunteers from the St. John's Ambulance Brigade and the British Red Cross Society acted, when required, as attendants and emergency drivers.

The Tenby and Haverfordwest Stations worked under a "garage arrangement." A second ambulance was provided at Haverfordwest in October, 1949.

STATION	Patients Conveyed	Miles Travelled	Average Miles per case
Haverfordwest No. 1 ...	3,620	52,226	14.42
Haverfordwest No. 2 ...	447	4,653	10.40
Millford Haven	1,326	36,025	27.16
Pembroke Dock	1,058	35,984	31.01
Tenby	572	19,373	33.86
Totals	7,023	148,261	21.11

In addition, Cardiganshire and Carmarthenshire Ambulances were used in connection with border cases. Under this arrangement an aggregate of 223 patients were conveyed and 8,951 miles covered as indicated below :—

County	Patients Conveyed	Miles Travelled	Average Miles per case
Cardiganshire	149	4,148	27.83
Carmarthenshire	74	4,803	64.90
Totals	223	8,951	40.13

CAR SERVICE FOR "SITTING CASES."

An aggregate of 910 patients were conveyed and 18,720 miles covered as shown below :

Month.	No. of Journeys.	No. of Patients.	Miles Travelled.
January	30	38	972
February	40	44	987
March	60	85	1,749
April	95	102	2,077
May	43	54	1,109
June	26	29	495
July	52	69	1,573
August	47	53	1,368
September	109	116	2,536
October	154	169	3,140
November	92	106	1,786
December	37	45	928
Totals	785	910	18,720

MIDWIFERY AND HOME NURSING SERVICES—Sections 23 and 25.

The Local Health Authority provides a Midwifery and Home Nursing Service through the agency of the County Nursing Association, which is supervised by the County Nursing Officer under the direction of the County Medical Officer.

There are 38 District Nursing Associations affiliated to the County Association, employing 47 nurse midwives. Of these :—

- 9 are Queen's Nurses.
- 3 have had Queen's District Training.
- 20 are fully trained.
- 15 are Village Nurse Midwives.

In addition, there are :—

- 1 County Relief Nurse.
- 4 Area Relief Nurses.
- 2 Part-time Relief Nurses.

The Association has established an Emergency Roll of Assistant Nurses to do urgent duty, but less use has been made of it owing to the appointment of relief nurses. So far as possible, fully qualified nurses are being appointed to posts that become vacant.

Thirty Nurse Midwives have their own cars and 13 are provided by the County Nursing Association.

A car hire service is arranged in the remaining districts.

During the year 83 Midwives notified their intention to practice in the County. Four District Midwives left and seven new appointments were made. Of these :—

- 3 were Queen's Nurses,
- 2 S.R.N., S.C.M.
- 1 S.R.N.
- 1 S.C.M.

The number of Maternity and Midwifery domiciliary cases undertaken during the year was 918. Of this number 786 cases were attended by District Nurse Midwives and 132 by Private Midwives. There were no cases of Maternal Mortality amongst cases attended by the District Nurse Midwives.

One Midwife successfully completed the combined course for Queen's District Training and Health Visitor's Training.

MIDWIVES' ACT 1902-1935.

RETURN BY LOCAL SUPERVISING AUTHORITY.

MATERNITY CASES ATTENDED.

Number of maternity cases in the area of the Local Supervising Authority attended by Midwives during the year ended 31st December, 1949.						
Domiciliary cases.		Cases in Institutions.		Total.		
As Mid-wives.	As Maternity Nurses.	As Mid-wives.	As Maternity Nurses.	As Mid-wives.	As Maternity Nurses.	As Maternity Nurses.
(1)	(2)	(3)	(4)	(5)	(6)	(6)
(1) Midwives employed by the Authority						
	—	—	—	—	—	—
(2) Midwives employed by Voluntary Organisations:						
(a) Under arrangements with the Local Health Authority in pursuance of Section 23 of the National Health Service Act						
	580	206	—	—	580	206
(b) Otherwise (including Hospitals not transferred to the Minister under the National Health Service Act ...						
	—	—	—	—	—	—
(3) Midwives employed by Hospital Management Committees or Boards of Governors under the National Health Service Act						
			546	192	546	192
(4) Midwives in Private Practice (including Midwives employed in Nursing Homes)						
	76	56	—	—	76	56
Totals	656	262	546	192	1202	454

TRAINING IN GAS AND AIR ANALGESIA.

During 1949, 14 Midwives were trained in the administration of Gas and Air Analgesia,

At the end of the year there were 22 Midwives trained and arrangements have already been made for the training of a further 11 Midwives during the coming year.

Lack of suitable accommodation continued to be a deterrent factor in preventing nurses from taking up appointments in this County. The Joint Housing Sub-Committee of the Health Committee and the County Nursing Association has approved plans for the building of small houses with garages by the County Council in certain areas where, at present, suitable accommodation cannot be found.

The Pembrokeshire Branch of the Royal College of Midwives met five times during the year, and lectures were given by the Medical Practitioners in the area. These meetings were well attended and the lectures were much appreciated by the Midwives.

VACCINATION AND IMMUNISATION—Section 26.

VACCINATION.

Since the Vaccination Acts have been repealed the question of vaccination is now purely voluntary on the part of the parents.

The work of vaccination is undertaken by all General Practitioners in the County, and it is carried out either at the Homes, or at their Surgeries. Arrangements will be made to hold special sessions for vaccination according to local needs and circumstances.

407 successful vaccinations were carried out during the year compared with 376 in 1948.

In addition, 58 persons over five years of age were re-vaccinated.

In the event of an outbreak of small-pox involving a demand for public vaccination on a large scale, arrangements will be made for General Practitioners and members of the County Medical Staff to conduct sessions at Welfare Centres, Doctors' Surgeries and other suitable premises. Special measures will be taken to inform the public of the arrangements made.

DIPHTHERIA IMMUNISATION.

Arrangements for immunisation are undertaken by the District Medical Officers of Health who engage General Practitioners to carry out the work.

Children are immunised, as far as possible, before their first birthday, and provision is also made for the administration of reinforcing injections later.

Immunisation Clinics are held at Maternity and Child Welfare Clinics, and at other suitable centres.

General Practitioners performing immunisation are required to complete a record card in respect of each child immunised, and, on receipt of these cards, the County Council will pay the fee agreed between the British Medical Association representatives and the Ministry of Health.

Number of children immunised during the year :—

Under 5.	5 to 15.	Total.	Reinforcing.
942	142	1,084	1,213

CARE OF MOTHERS AND YOUNG CHILDREN—Section 22.

The administrative arrangements are undertaken by the Staff of the County Health Department and the County Nursing Association under the direction of the County Medical Officer.

The Authority's Medical Officers and Health Visitors or local District Nurse Health Visitors attend the Welfare Centres. These Nurses also undertake district work under the supervision of the County Nursing Officer.

Special examination of those who cannot attend the Welfare Centres is carried out either at the home or by special arrangement.

WELFARE CENTRES.

There are eight Welfare Centres in Pembrokeshire :—

Haverfordwest
Milford Haven
Narberth
Tenby
Pembroke Dock
Fishguard
Goodwick.
Neyland.

In cases where there is difficulty in attending Clinics, transport will be arranged through the Car Service for "Sitting cases" provided under Section 27 of the National Health Service Act, 1946.

No ante-natal or post-natal clinics are established in the County, such examinations are carried out by General Practitioners.

Expectant mothers who book a midwife are entitled to three free examinations from their own doctors.

FIRST Examination : When the Patient books a midwife.

(Form 1 is sent to the patient's own doctor by the midwife, together with a complete ante-natal record of the patient).

SECOND Examination : Between 28th and 32nd week of pregnancy.

(Form 2 sent to patient's doctor by midwife).

THIRD Examination : Post-natal examination about six weeks after the birth of child.

(Form 3 sent to doctor by midwife).

This scheme is proposed only for expectant mothers who book midwives, thereby eliminating all Maternity and Hospital cases—these would have medical care.

Nurses will continue to use medical aid forms when doctors are required at confinements for abnormalities.

Ante-natal and post-natal clinics will be established if it is found necessary to supplement the general practitioner—obstetrician service described in paragraph 13 of Circular 118/47 (Wales).

Special cases will be referred to Obstetricians and Gynaecologists provided by the Regional Hospital and will be examined by these specialists in the nearest hospital or clinic, and, if necessary, in the home.

CARE OF PREMATURE INFANTS.

Sixty-eight premature births were notified during the year as having a birth weight of 5½lbs. or less. 27 were born at home and 41 in Hospital.

Sixteen died during the first 24 hours and 7 later.

Arrangements have been made for Medical and Nursing facilities to be at the disposal of expectant mothers and premature infants.

Draught-proof cots, hot-water bottles, thermometers, warm clothing, etc., are available for use in the home when required.

The services of a Paediatrician is available and arrangements for admission of premature infants to Hospitals are made where necessary.

DENTAL CARE.

The County Scheme for Dental Care of expectant mothers and young children is set out below:—

- (a) Expectant mothers will be referred to Dental Officers immediately they see the Doctors or Nurses.
- (b) Nursing mothers will again be examined after their children are born.
- (c) Young children will be examined every six months and when they reach school age they will come under the care of the School Dental Service.

It has not been possible to put this scheme into operation owing to lack of Dental Staff. Repeated advertisements for Dental Officers have failed to elicit any response for the simple reason that the salaries offered by the Local Health Authority have no relation to the income of dentists working under Part IV. of the National Health Service Act.

SUPPLY OF WELFARE FOODS.

Infant foods at reduced rates are supplied to mothers at the various Welfare Centres in the County.

Fruit Juices and Cod Liver Oil are also available.

PROVISION OF MATERNITY OUTFITS.

Maternity outfits of an approved type are purchased centrally and are stored at the County Health Department. They are sent to domiciliary midwives for distribution as necessary.

448 patients received Maternity Outfits.

CARE OF UNMARRIED MOTHERS AND THEIR CHILDREN.

No Mother and Baby Homes have been established by the County Council.

Unmarried expectant mothers requiring residential care are sent to Plas Newydd Pre-Natal & Post-Natal Hostel which is under the jurisdiction of the Carmarthenshire County Council. Four beds (2 pre-natal and 2 post-natal) are reserved for Pembrokeshire cases.

The care of unmarried mothers and their children is undertaken by the St. David's Diocesan Moral Welfare Committee in conjunction with the staff of the County Health Department.

REPORT BY THE ORGANISING SECRETARY OF THE ST. DAVIDS DIOCESAN MORAL WELFARE COMMITTEE.

125 cases were reported during the 12 months ending 31st December, 1949, of these 65 were unmarried mothers.

They were reported by:—

County Medical Officer of Health	46
Doctors	4
Nurses	1
Clergy	2
National Council for the Unmarried Mother	1
Children's Officer	5
Probation Officer	1
W.R.N.S.	1
W.R.A.C.	1
Y.W.C.A.	1
N.S.P.C.C.	1
Own accord	1

Fifteen patients entered Plas Newydd Mothercraft Hostel. 20 went into Social Welfare Hospitals, 4 to Cwmdonkin Shelter, Swansea, and the remainder were looked after in their own homes. 8 mothers were married after the birth of their children and 2 were transferred to their homes in other parts of the country and placed under the care of Moral Welfare Workers. 4 are co-habiting with the putative fathers. Two unmarried mothers were placed in domestic employment with their children. 12 children were placed out with a view to legal adoption and 1 child was placed with a foster-parent. 2 were accepted by the Church of England's Children Society and admitted to Eastmoor Nursery, Swansea. Ages of the unmarried mothers ranged from 13½ to 40 years. 3 children were transferred to other workers and 4 to the Children's Officer and placed in local nurseries. 10 putative fathers were interviewed. 4 are supporting their children under Private Agreements and 2 Affiliation Orders were obtained through the courts. One preventive case was referred to the N.S.P.C.C. Inspector. Other preventive and matrimonial cases were helped and advised.

HEALTH VISITING—Section 24.

The Health Visiting Service in the County consists of 1 County Nursing Officer, 1 whole-time Health Visitor, 1 part-time Health Visitor and 48 District Nurse Midwives who undertake part-time Health Visiting.

These Health Visitors are supervised by the County Nursing Officer, under the direction of the County Medical Officer.

The scope of the service is the visiting of persons in their own homes for the purpose of giving advice as to the care of young children, persons suffering from illness and expectant or nursing mothers, and as to the measure necessary to prevent the spread of infection.

The proposals provide for the appointment by the Local Authority, of five full-time qualified Health Visitors to work in the larger Urban Districts. In addition, the County Nursing Association, acting as agents for the Local Health Authority, will employ 56 district nurse midwives, 43 of whom will devote 15 per cent. of their time to Health Visiting. This will give an equivalent in terms of employing 6½ full-time Health Visitors, thus the area will be covered by the equivalent of 11½ full-time Health Visitors.

The eventual aim is to employ District Nurse-Midwives with Health Visitor's qualifications. With this in view, scholarships will be granted for the training of the present district nurses as qualified Health Visitors, and later only nurses with Health Visitor's qualifications will be appointed. 2 district nurses were sent for training during the year.

One application was received for the post of Health Visitor and this nurse was appointed to the Milford Haven District.

Visits paid by Health Visitors during the year under review were :—

		Children under 1 year of age.		Children between the ages of 1 & 5.		Other Classes.	
		First Visits.	Total Visits.	First Visits.	Total Visits.	First Visits.	Total Visits.
Whole-time	Health						
Visitor	110	1334	—	1983	—	—
Part-time	Health						
Visitor	1625	9785	—	13824	96	380

PREVENTION OF ILLNESS, CARE AND AFTER-CARE—Section 28.

The Local Health Authority's Care and After-Care responsibilities are discharged by a Care and After-Care Committee acting under the Authority's direction.

Under the above heading is included the After-Care of patients suffering from Tuberculosis, Mental Illness or defectiveness and from other types of illness, and the provision of nursing equipment and apparatus.

A. TUBERCULOSIS.

The County Medical Officer is responsible for the executive arrangements for the Care and After-Care of Tuberculosis patients working in close association with the District Medical Officers of Health.

All suspected cases of Tuberculosis are referred to the Chest Physician of the Regional Hospital Board who examines and diagnoses the condition. He arranges admission to Hospital, for domiciliary or other treatment required. He also arranges for examination of contacts.

Forty-one deaths were attributed to Pulmonary Tuberculosis compared with 29 in 1948 and one death was due to other forms of Tuberculosis compared with eleven for the previous year.

On the recommendation of the Chest Physician, extra milk was granted to an average of 21 patients each month throughout the year. 8,426 pints of milk were supplied during the year at an approximate cost of £176.

Shelters or Chalets are available for use by patients living in overcrowded conditions, as a means of segregation and improved sleeping accommodation.

Details of the new cases of Tuberculosis coming to the notice of the County Health Department during the year 1949, also of deaths from this disease, were as follows :—

Age Groups.	New Notifications (including supplementary Return).				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	—	—	—	—	—	1	—	—
1—	—	1	2	1	—	—	—	—
5—	1	4	3	2	—	1	—	—
15—	32	17	4	6	7	6	—	—
45—	9	6	—	—	8	15	—	1
65—	3	—	—	—	1	2	—	—
Totals	45	28	9	9	16	25	—	1

TABLE RE DIAGNOSIS OF NEW CASES SEEN DURING THE YEAR.

RESPIRATORY CASES.			Adults and Children.		
(1)	(2)	(3)	(4)	(5) Definitely non-tuberculous	
	Total No. of new cases examined	Definitely tuberculous	Diagnosis doubtful (Observation)	(a) Other Diagnosis made	(b) Other Diagnosis not made
Men	464	34	112	94	224
Women	564	17	147	75	325
Boys	177	1	61	25	90
Girls	263	7	168	13	75
Total	1468	59	488	207	714

NON-RESPIRATORY CASES.			Adults and Children.		
(1)	(2)	(3)	(4)	(5) Definitely non-tuberculous	
	Total No. of new cases examined	Definitely tuberculous	Diagnosis doubtful (Observation)	(a) Other Diagnosis made	(b) Other Diagnosis not made
Men	13	4	2	1	6
Women	11	5	5		1
Boys	23	5	10	2	6
Girls	16	2	6	2	6
Total	63	16	23	5	19

MASS RADIOGRAPHY.

The Mass Radiography Unit visited the County in September, 1949, and centres were held at Milford Haven, Haverfordwest, Fishguard, Tenby, Pembroke Dock and Narberth. All adults and school children over 14 years of age, were given the opportunity of being examined.

3,092 adults and 1,332 school children were X-Rayed.

	No. Examined.	No. cases of Pulmonary T.B. discovered	No. referred for Observation.
Adults	3,092	9	9
School-children	1,332	1	3

TUBERCULOSIS CLINICS.

PERSONNEL, ETC.

Chest Physician	Dr. D. Llewelyn Davies. Private Tel. No. : Haverfordwest 279.
Assistant Chest Physician	Dr. E. D. Williams.
Clinic Sisters	One.

CHIEF CLINIC.

County Hospital Annexe	Haverfordwest. Tel. No. : Haverfordwest 298.
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TIME TABLE.

Place.	Day and Time.	Session.
Haverfordwest.		
County Hospital Annexe—		
Tuesday,	2.00 p.m.	U.V.L. Therapy.
Wednesday,	9.00—12.00 noon.	General Clinic.
Wednesday,	2.15 p.m.	Refills only.
Saturday,	9.30 a.m.	U.V.L. Therapy.
Cardigan.		
Memorial Hospital—		
1st and 3rd Thursdays	11.00 a.m.	New and old patients
1st and 3rd Thursdays	2.00 p.m.	Refills only.
Narberth.		
Eastgate House—		
2nd Thursday,	11.30 a.m.	New and old patients.
Whitland.		
Dr. Gibbin's Surgery—		
2nd Thursday,	1.30 p.m.—	New and old patients.
St. David's.		
Dr. Elliott's Surgery—		
4th Thursday,	10.30 a.m.	New and old patients.
Fishguard.		
Church Hall—		
4th Thursday,	12.00 noon.	New and old patients.

Pembroke Dock.

Meyrick Hospital—

Friday,	10.15 a.m.	Clinic and A.P. Refills. (New cases by ap- pointment).
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Tenby.

Cottage Hospital—

1st and 3rd Fridays, ...	2.00 p.m.	New and old patients.
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Milford Haven.

Nurses' Home—

2nd and 4th Fridays, ...	2.00 p.m.	New and old patients.
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B. MENTAL ILLNESS OR DEFECTIVENESS.

The general supervision is under the direction of the County Medical Officer and the medical staff of the County Health Department.

C. OTHER TYPES OF ILLNESS.

Hospitals notify the County Health Department of all impending discharges of patients requiring home nursing or care of any description. This information is passed on to the local district nurses or health visitors and any treatment required by these or any other invalids will be undertaken by them under the medical supervision of the patient's own doctor.

The Authority intend to develop health education in the area by all appropriate means.

D. VENEREAL DISEASE.

Persons under treatment for venereal disease and also those known or believed to be sources of venereal infection are followed up by the medical staff of the County Health Department who work in close association with Medical Officers of the venereal disease treatment centres to which patients from this County are sent, and with approved local medical practitioners who undertake the treatment of venereal disease in this County.

The General Practitioner Service has continued unchanged, and provides patients with treatment facilities within a reasonable distance of their homes.

A visiting Venerealogist supervises the work and acts as consultant when required.

E. PROVISION OF NURSING EQUIPMENT AND APPARATUS.

Nursing equipment and apparatus is available on loan, from the Medical Comforts Depots, which is under the jurisdiction of the St. John and British Red Cross Society. These depots are situated in most of the larger towns in the County.

The arrangements provide for the loan of equipment, apparatus and requisites needed for the satisfactory nursing or care of patients who are being confined or nursed at home, and the Local Health Authority will, if necessary, supplement the services so provided.

In addition, each district nurse is provided with a "loan cupboard."

DOMESTIC HELP—Section 29.

The scheme for the provision of domestic helps is supervised by the County Nursing Officer acting under the general direction of the County Medical Officer. Four whole-time and 60 emergency helpers were engaged during the year. The whole-time helpers are paid £3 9s. 0d. a week, and the emergency 2/- per hour. Travelling expenses are also allowed.

Persons using the service are required to contribute in accordance with the scale of recovery, as laid down by the County Council.

These Workers or Helps give assistance in households where there are persons who are ill, lying-in or expectant mothers, mentally defective persons, aged persons or children not over compulsory school leaving age.

A total of 43 Maternity and 42 Medical or Domestic cases received assistance during the period. In some cases it was considered desirable to continue domestic assistance for long periods.

MENTAL HEALTH—Section 51.

Under this section the Local Health Authority, through the Health Department, has become responsible for the Mental Health Services. A Mental Health Sub-Committee has been appointed to deal with the Mental Health Services.

The County Medical Officer is responsible for the organisation, control and medical direction of the Services. He is assisted by the Medical Staff of the County Health Department.

The opinion and advice of the Regional Hospital Board's Psychiatrist at St. David's Hospital, Carmarthen, is sought on occasions when circumstances render this necessary.

The Duly Authorised Officer's duties include the certification of persons suffering from Mental Illness, arranging transport and admission to hospital, collection of information dealing with the administration of estates and care and after care in homes of patients.

LUNACY AND MENTAL TREATMENT ACTS.

Accommodation for mental health patients was provided by the Regional Hospital Board at St. David's Hospital, Carmarthen. The table below gives particulars of patients admitted and discharged during the year :—

Admissions :	Voluntary	Certified	Total.
Males	41	8	49
Females	47	15	62
Discharges :			
Males	27	3	30
Females	44	5	49
Deaths :			
Males	2	4	6
Females	2	5	7

MENTAL DEFICIENCY ACTS, 1913-1938.

The following are the particulars of Mental Defectives in the County at the end of the year :—

Number of cases "subject to be dealt with."	Males.	Females.	Total.
(a) Under guardianship	1	1	2
(b) In "Place of Safety"	1	—	1
(c) Under Statutory supervision	1	—	1
(d) In Institutions, or on Licence	20	47	67
(e) Action not yet taken under any of the above headings	22	20	42
(f) Number of cases who may become "subject to be dealt with"	24	20	44
(g) Number of Mental Defectives not at present "subject to be dealt with" but over whom some form of voluntary supervision is maintained	43	40	83

The question of providing institutional accommodation for Mental Defectives is now the responsibility of the Regional Hospital Board.

It is still almost impossible to obtain vacancies for Mental Defectives in certified institutions,

CANCER.

The County Council for many years granted financial assistance towards a scheme for the treatment of patients at various treatment centres in Wales. This treatment is now provided by the Regional Hospital Board.

Death Returns show that 167 inhabitants of the County were certified to have died as a result of various forms of Cancer. The figure for 1948 was 184.

The following Table shows the localities and comparable figures for the past five years :—

URBAN DISTRICTS.	1945.	1946.	1947.	1948.	1949.
Fishguard and Goodwick	8	10	8	13	13
Haverfordwest	9	16	8	15	13
Milford Haven	17	17	19	21	17
Narberth	1	3	4	3	1
Neyland	2	4	5	2	5
Pembroke	23	10	24	22	24
Tenby	8	12	17	14	8
RURAL DISTRICTS.	1945.	1946.	1947.	1948.	1949.
Haverfordwest	36	37	44	40	31
Narberth	20	19	16	23	25
Pembroke	7	7	9	11	12
Cemaes	14	13	13	20	18
URBAN DISTRICTS	68	72	85	90	81
RURAL DISTRICTS	77	76	82	94	86
ADMINISTRATIVE COUNTY	145	148	167	184	167

RETURN OF INFECTIOUS DISEASES.

Disease.	Cemaes R.D.	Fishguard and Goodwick U.D.	Haverfordwest Urban.	Haverfordwest Rural.	Milford Urban.	Neyland Urban.	Pembroke Urban.	Pembroke Rural.	Tenby Urban.	Narberth Urban.	Narberth Rural.	Totals.
Whooping Cough	69	52	48	108	45	1	5	9	7	9	26	379
Scarlet Fever ...	4	1	—	9	21	2	8	2	5	4	5	61
Measles	2	119	4	39	10	2	68	14	—	—	4	262
Pneumonia	10	—	—	8	1	2	9	9	—	—	—	39
Puerperal Pyrexia	—	—	—	—	—	—	—	—	1	—	—	1
Cerebro-Spinal Fever	—	—	—	—	—	—	—	1	—	1	—	2
Acute Poliomyelitis	1	—	—	—	—	—	—	—	—	—	—	1
Food Poisoning	—	—	—	—	3	—	—	—	—	—	—	3
Chicken Pox ...	—	—	—	—	—	—	1	—	—	—	—	1
Dysentery	2	—	—	—	—	—	—	—	—	—	—	2
Erysipelas	—	—	—	1	1	—	1	—	—	—	—	3
Ophthalmia	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum	—	—	—	—	1	—	—	—	—	—	—	1
TOTALS	88	172	52	165	82	7	92	35	13	14	35	755

PREVENTION OF BLINDNESS.

One hundred and four persons with failing eyesight have been sent to Ophthalmic Surgeons for examination and report. 62 were certified and registered as Blind and 13 as Partially-sighted under the National Assistance Act which came into force on the 5th July, 1948.

Owing to the shortage of accommodation it is difficult to have admitted to Hospital persons recommended for surgical treatment.

NATIONAL ASSISTANCE ACT, 1948.

Blind Children under 5 years of age	1
Blind Children receiving education at the Bridgend School for the Blind	4
Ineducable Children between 5 and 16 years	Nū
Pupils at the Royal Normal College for the Blind	2
Home Workers under the supervision of the Birmingham Institution for the Blind	9
Workshop Employees at the Swansea Institution for the Blind	1
Blind Persons in employment in open industry	15
New Blind cases added to the Register in 1949	62
Partially-sighted persons registered	13

There is only one Ophthalmic Surgeon dealing with all the cases submitted to the County Hospital for surgical and non-surgical treatment, and, consequently, it is difficult to fit all persons examined at the County Hospital who require to be seen there, thus the "Waiting Lists" at the County Hospital for examination and surgical treatment are increasing in number.

New cases examined and found to be neither Blind nor Partially-sighted	19
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BLIND AND PARTIALLY-SIGHTED PERSONS ON THE REGISTER IN THE VARIOUS DISTRICTS AT 31st DECEMBER, 1949.

District.	No. on County Register.		
	Male.	Female.	Total.
URBAN DISTRICTS :			
Fishguard and Goodwick	5	11	16
Haverfordwest	13	19	32
Millford Haven	11	17	28
Narberth	2	4	6
Neyland	5	6	11
Tenby	7	16	23
Pembroke	20	25	45
RURAL DISTRICTS :			
Cemaes	19	28	47
Haverfordwest	37	43	80
Narberth	21	39	60
Pembroke	4	12	16
Total in 1949	144	220	364
Total in 1948	102	166	268

ORTHOPAEDIC WORK.

Treatment to Orthopaedic defects is carried out under the supervision of Mr. Nathan Rocyn Jones, F.R.C.S., through the National Health Service and the same arrangements are available for children under five as for school children.

There were 94 children under five on the Register at the end of the year. 76 of these were new cases.

Forty-five were examined and 60 re-examined at the County Hospital by the Orthopaedic Specialist.

Three were admitted to Hospital, 3 operations and 32 manipulations were carried out. Plasters, special appliances and remedial exercises, etc., were prescribed for others.

The Orthopaedic Nurse followed up all cases at the homes or clinics. She paid 68 first visits and 366 re-visits at the homes.

MILK AND DAIRIES—GENERAL.

The number of licences issued under the Milk (Special Designations) Regulations, 1936-46, continues to show a steady increase.

The Table below shows the number of licences issued by the County Council for the past five years.

Year.	Tuberculin Tested.	Accredited.	Total.
1945	557	130	687
1946	616	118	734
1947	722	118	840
1948	788	104	*892
1949—1st Jan.—30th Sept.	834	90	924
No. of Attested Herds in the County at the end of the Year	1884		
No. of Supervised Herds	48		

The Milk and Dairies Regulation, 1949, became operative on the 1st October, 1949. Under these regulations the Ministry of Agriculture and Fisheries became responsible for the issue of all designated Milk Licences.

Since 1st October, 1949, the Ministry of Agriculture and Fisheries issued 24 Tuberculin Tested Licences.

FOOD AND DRUGS ACT, 1938.
SAMPLES TAKEN DURING THE YEAR 1949

Samples.	No. of samples taken, Quarters.					Samples adulterated, Quarters.				
	Mar.	June	Sept.	Dec.	Tot- als.	Mar.	June	Sept.	Dec.	Tot- als.
Milk	93	50	48	50	241	22	7	5	10	44
Butter	3	3	3	3	12	—	—	—	—	—
Sugar	3	5	4	3	15	—	—	—	—	—
Tea	3	4	4	3	14	—	—	—	—	—
Margarine	3	3	3	3	12	—	—	—	—	—
Cooking Fat	3	3	1	2	9	—	—	—	—	—
Preserves	1	1	—	1	3	—	—	—	—	—
Cake & Pudding Mix.	2	—	—	—	2	1	—	—	—	1
Cheese	2	—	1	—	3	—	—	—	—	—
Bacon	2	1	2	1	6	—	—	—	—	—
Cocoa	2	1	1	1	5	—	—	—	—	—
Beef Sausage Meat ...	1	—	—	—	1	—	—	—	—	—
Savoury Pork	1	—	—	—	1	—	—	—	—	—
Beef Sausage	1	—	—	—	1	—	—	—	—	—
Frizets	1	—	—	—	1	—	—	—	—	—
Vermicelli	1	—	—	—	1	—	—	—	—	—
Baking Powder	1	1	—	—	2	—	1	—	—	1
Coffee	1	—	—	—	1	—	—	—	—	—
Salad Oil	1	—	—	—	1	—	—	—	—	—
Malt Vinegar	1	—	1	2	4	—	—	—	—	—
Sweetened Fat	1	—	—	—	1	—	—	—	—	—
Fruit Flav. Wine	1	—	—	—	1	—	—	—	—	—
Ice Cream	—	5	3	—	8	—	—	—	—	—
Rice Macaroni	—	1	—	—	1	—	—	—	—	—
Soyghetti	—	1	—	—	1	—	—	—	—	—
Sago	—	1	—	—	1	—	—	—	—	—
Nescafe	—	1	—	—	1	—	—	—	—	—
Grapefruit Squash ...	—	1	—	—	1	—	—	—	—	—
Custard Powder	—	1	—	—	1	—	—	—	—	—
Gelatine Powder	—	1	—	—	1	—	—	—	—	—
Self-Raising Flour ...	—	1	—	1	2	—	—	—	—	—
Macaroni	—	—	3	2	5	—	—	—	—	—
Lard	—	—	2	1	3	—	—	—	—	—
Ginger Marmalade ...	—	—	1	—	1	—	—	—	—	—
Cornish Pastie Mix.	—	—	1	—	1	—	—	—	—	—
Cupkall	—	—	1	—	1	—	—	—	—	—
Jelyset Dessert	—	—	—	—	—	—	—	—	—	—
Gelatine	—	—	1	—	1	—	—	—	—	—
Pie Crust & Pastry	—	—	—	—	—	—	—	—	—	—
Mixture	—	—	1	—	1	—	—	—	—	—
Raspberryade	—	—	1	—	1	—	—	—	—	—
Potato Crisps	—	—	1	—	1	—	—	—	—	—
Pea Nut Butter	—	—	1	—	1	—	—	—	—	—
Olive Oil	—	—	1	—	1	—	—	—	—	—
Currie Powder	—	—	1	—	1	—	—	—	—	—
Golden Raising	—	—	—	—	—	—	—	—	—	—
Powder	—	—	1	—	1	—	—	—	—	—
Rice	—	—	1	2	3	—	—	—	—	—
Prunes	—	—	1	1	2	—	—	—	—	—
Dessicated Soup	—	—	—	2	2	—	—	—	—	—
Soft Drinks	—	—	—	2	2	—	—	—	—	—
All Bran	—	—	—	1	1	—	—	—	—	—
Grape Nuts	—	—	—	1	1	—	—	—	—	—
Sponge Flour Mix.	—	—	—	1	1	—	—	—	—	—
Beef Suet	—	—	—	1	1	—	—	—	—	—
Candy Barley	—	—	—	1	1	—	—	—	—	—
Mustard	—	—	—	1	1	—	—	—	—	—
TOTALS	128	85	89	86	388	23	8	5	10	46

CAUSES OF DEATH.		AGGREGATE OF URBAN DISTRICTS.							AGGREGATE OF RURAL DISTRICTS.						
		All ages.	0—	1—	5—	15—	45—	65—	All ages.	0—	1—	5—	15—	45—	65—
	Sex														
1.	M	Typhoid and Para-typhoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	
2.	F	Cerebro-spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	
3.	M	Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	
4.	F	Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	
5.	M	Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	
6.	F	Tuberculosis of Respiratory System	7	—	—	5	4	9	—	—	—	2	6	1	
7.	M	Other forms of Tuberculosis	8	—	1	6	1	17	1	—	—	9	5	2	
8.	F	Syphilitic Diseases	—	—	—	—	—	1	—	—	—	—	—	—	
9.	M	Influenza	1	1	—	—	1	4	1	—	—	1	—	2	
10.	F	Measles.	2	—	—	—	1	16	1	—	—	—	—	14	
11.	M	Ac. Polio-Myel and Polio-Enceph.	—	—	—	—	—	—	—	—	—	—	—	—	
12.	F	Ac. Inf. Enceph.	1	—	—	1	—	—	—	—	—	—	—	—	
13.	M	Cancer of Buc. Cav. and Oesoph. (M.), Uterus (F.)	8	—	—	—	3	5	—	—	—	—	1	4	
14.	F	Cancer of Stomach and Duodenum	7	—	—	—	3	2	—	—	—	—	1	1	
15.	M	Cancer of Breast	10	—	—	—	3	15	—	—	—	—	7	4	
16.	F	Cancer of all other Sites	4	—	—	—	—	6	—	—	—	—	2	—	
17.	M	Diabetes	4	—	—	—	1	7	—	—	—	—	3	4	
18.	F	Intracranial Vascular Lesions	28	—	—	—	6	24	—	—	—	—	9	15	
19.	M	Heart Disease	26	—	—	—	6	27	—	—	—	—	9	15	
20.	F	Other Diseases of Circ. System	85	—	—	—	23	87	—	—	—	—	2	2	
21.	M	Bronchitis	87	—	—	—	18	13	—	—	—	—	3	4	
22.	F	Pneumonia (all forms)	7	—	—	—	3	11	—	—	—	—	3	8	
23.	M	Other Respiratory Diseases	11	—	—	—	3	12	—	—	—	—	3	10	
24.	F	Ulcer of Stomach or Duodenum	10	—	—	—	—	10	—	—	—	—	—	5	
25.	M	Diarrhoea under 2 years	10	1	—	1	—	10	1	—	—	—	—	3	
26.	F	Appendicitis	4	2	—	—	—	8	—	—	—	—	—	6	
27.	M	Other Digestive Diseases	8	—	—	—	3	6	—	—	—	—	—	3	
28.	F	Acute and Chronic Nephritis	10	—	—	—	—	6	—	—	—	—	—	1	
29.	M	Puerperal and Post-abort. Sepsis	4	—	—	—	1	4	—	—	—	—	—	2	
30.	F	Other Maternal Causes	5	1	—	—	—	9	—	—	—	—	—	—	
31.	M	Premature Birth	—	—	—	—	—	1	—	—	—	—	—	—	
32.	F	Con. Mal. Birth	4	4	—	—	—	7	—	—	—	—	—	—	
33.	M	Inf. Infant Dis. Suicide	6	5	—	—	1	2	—	—	—	—	—	—	
34.	F	Road Traffic Accidents	9	8	—	—	1	8	—	—	—	—	—	—	
35.	M	Other Violent Causes	7	7	—	—	—	5	—	—	—	—	—	—	
36.	F	All Other Causes	3	—	—	—	—	1	—	—	—	—	—	—	
ALL CAUSES		M	270	14	4	5	15	390	18	3	23	73	200		
		F	257	19	1	2	21	304	11	2	25	55	245		



Causes of Death.	Fish-guard & Good-wick U-D		Haverfordwest M-B		Milford Haven U-D		Narberth U-D		Neyland U-D		Pembroke U-D		Tenby M-B		Cemaes R-D		Haverfordwest R.D.		Narberth R-D		Pembroke R-D		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1. Typhoid and Para Typhoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Cerebro Spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3. Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4. Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	
5. Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6. Tuberculosis of Respiratory System	1	1	—	3	2	2	—	—	—	—	2	2	2	—	1	5	6	7	1	3	1	2	
7. Other Tuberculous Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	
8. Syphilitic Diseases	—	—	—	1	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	
9. Influenza	1	—	—	—	—	1	—	—	1	—	—	—	—	—	2	7	2	3	—	5	—	1	
10. Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
11. Ac. Polio-Myel and Polio Enceph.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12. Ac. Inf. Enceph.	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	
13. Cancer of Buc. Cav. and Oesoph. (M.); Uterus (F.)	3	—	1	2	—	2	—	—	—	—	4	2	—	1	—	—	3	1	1	1	1	—	
14. Cancer of Stomach and Duodenum	1	2	2	1	3	—	—	—	1	—	2	1	1	—	4	1	3	1	4	3	4	1	
15. Cancer of Breast	—	—	—	—	—	2	—	—	—	—	—	1	—	1	—	5	—	1	—	1	—	—	
16. Cancer of all other sites	3	4	3	4	7	3	1	—	1	3	7	7	4	1	2	6	11	11	10	5	1	5	
17. Diabetes	—	1	1	—	1	2	—	—	—	—	1	1	—	—	1	—	—	2	1	2	—	—	
18. Intra-Cran. Vasc Lesions	4	2	8	5	4	7	1	3	—	—	8	7	3	2	11	12	12	22	8	8	4	1	
19. Heart Disease	15	9	14	19	23	18	—	—	8	6	21	24	4	11	30	23	26	32	25	21	11	11	
20. Other Circulatory Diseases	—	2	2	—	1	3	—	—	—	—	4	5	—	1	5	2	3	3	4	6	1	—	
21. Bronchitis	2	2	2	3	3	1	—	1	—	—	1	1	2	2	1	2	9	5	2	3	—	—	
22. Pneumonia (all forms)	—	1	—	2	2	3	—	—	1	—	1	2	—	—	2	4	2	1	3	3	3	—	
23. Other Respiratory Diseases	2	—	—	1	1	—	—	—	1	—	5	2	1	1	—	—	3	4	3	2	—	—	
24. Ulcer of Stomach or Duodenum	—	—	—	—	2	—	—	—	—	—	1	—	—	—	—	—	3	—	—	—	1	—	
25. Diarrhoea, under 2 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	
26. Appendicitis	—	1	—	—	—	1	1	—	—	—	1	—	—	—	—	1	2	—	—	2	—	—	
27. Other Digestive Diseases	1	2	3	—	—	—	—	—	—	1	3	—	—	1	—	1	2	1	2	3	—	—	
28. Nephritis	—	—	1	2	4	—	—	1	—	—	2	—	3	2	4	6	1	2	6	1	1	—	
29. Puer. and Post.-abort. Sepsis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	
30. Other Maternal Causes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	
31. Premature Birth	1	1	1	1	—	—	1	1	1	—	—	2	—	1	1	—	1	1	2	1	3	—	
32. Con. Mal. Birth Inj. Inf. Dis.	—	1	1	1	3	3	2	—	—	—	3	1	—	1	1	2	4	1	2	2	1	—	
33. Suicide	1	—	1	—	—	—	—	—	—	—	1	—	—	—	2	1	1	—	2	—	—	—	
34. Road Traffic Accidents	—	—	—	—	—	—	1	—	—	—	2	—	—	—	3	—	3	—	1	—	—	—	
35. Other Violent Causes	—	1	—	2	4	1	—	1	—	—	4	1	—	1	1	—	4	4	1	—	—	—	
36. All Other Causes	1	1	4	3	3	1	—	1	1	2	9	18	2	2	4	4	17	13	10	6	3	4	
Totals all Causes	36	31	44	50	64	50	7	8	15	12	82	78	22	28	76	82	117	119	90	76	37	27	
Deaths of Infants under 1 year																							
} Total	1	4	2	3	3	5	2	2	1	—	5	3	—	2	3	2	5	4	6	4	4	1	
} Legitimate	1	4	2	3	3	5	2	2	1	—	5	3	—	2	3	2	4	4	5	4	4	1	
} Illegitimate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	
Live Births																							
} Total	33	47	72	59	105	108	9	10	24	18	113	116	37	32	79	57	197	192	85	68	52	40	
} Legitimate	32	47	70	58	104	102	8	10	23	18	108	112	37	29	73	54	184	184	78	66	49	39	
} Illegitimate	1	—	2	1	1	6	1	—	1	—	5	4	—	3	6	3	13	8	7	2	3	1	
Still-births																							
} Total	2	1	—	2	3	5	—	—	—	—	3	3	2	1	3	1	5	5	5	2	1	3	
} Legitimate	2	1	—	2	3	5	—	—	—	—	2	3	1	1	3	1	5	5	4	2	1	3	
} Illegitimate	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	1	—	—	—	
RESIDENT POPULATION																							
	4775		7300		10370		1000		2360		11340		4495		8899		20750		10050		5260		





